

REMARKS/ARGUMENTS

The allowance of claims 26, 27 and 30-48 is greatly acknowledged.

Claim 28 has been amended to more clearly define Applicants' invention.

Reconsideration of the application in view of the foregoing amendment and the following remarks is respectfully requested.

Claims 28 and 29 stand rejected under 35 U.S.C. § 102(b) as being clearly anticipated by U.S. Patent 5,811,822 to Huston et al. Applicants respectfully traverse this rejection.

As amended, claim 28 is directed to a radiation source comprising inter alia a frequency conversion member configured to emit a beam of emitted radiation in the range of 0.1 THz to 100 THz. Huston et al, on the other hand, discloses a device that does not emit radiation in this range. For example, column 8, line 6 of Huston et al. discloses an emission peak of 450 nm, which corresponds to a frequency of approximately 666 THz. This is a frequency which is considerably higher than the range now specified in claim 28 and is a frequency which is not considered to be in the THz range. The problems associated with generation of radiation in the THz range are described on page 2 of Applicants' specification. Applicants respectfully submit that a person skilled in the art would not consider the disclosure of Huston et al. to be relevant to the field of THz radiation. It is respectfully submitted, therefore, that claim 28 is patentable over Huston et al.

Claim 29 is dependent from claim 28 and is therefore patentable for the same reasons, as well as because of the combination of the features in claim 29 with the features in claim 28.

In view of the foregoing, this application is now believed to be in condition for allowance which action is respectfully requested.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 24, 2005.

Martin Pfeffer

Name of applicant, assignee or
Registered Representative

Signature

February 24, 2005

Date of Signature

Respectfully submitted,

Martin Pfeffer

Registration No.: 20,808

OSTROLENK, FABER, GERB & SOFFEN, LLP

1180 Avenue of the Americas

New York, New York 10036-8403

Telephone: (212) 382-0700

MP/jh